THAT THIS CORRESPONDENCE IS BEING DEPOSITED WITH THE UNITED STATES POSTAL SERVICE AS FIRST CLASS MAIL IN AN ENVELOPE ADDRESSED TO: ASSISTANT COMMISSIONER FOR PATENTS, WASHINGTON, DC 20231, ON THE DATE INDICATED BELOW.

nica M Fancel DATE: October 23 200

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In Re Patent Application of Peter Watts et al

RECEIVED

Conf. No.:

9982

Group Art Unit: 1644

NOV 0 1 2002

Appln. No.:

09/848,600

Examiner: Phillip Gambel

TECH CENTER 1600/29

Filed:

May 3, 2001

Title:

DRUG DELIVERY

COMPOSITION FOR THE

NASAL ADMINISTRATION OF ANTIVIRAL AGENTS

Attorney Docket

No.: 10774-23U1

REVOCATION AND APPOINTMENT OF ATTORNEY BY ASSIGNEE AND STATEMENT UNDER 37 C.F.R. §3.73(b)

The undersigned states that she is authorized to sign the document on behalf of the assignee of the above application, that the evidentiary documents relating to the assignment of the above application have been reviewed, and she certifies that, to the best of assignee's knowledge and belief, title to the above application is in assignee by virtue of assignments in parent application number 08/776,470, now abandoned from the inventors to Danbiosyst UK Limited, recorded in the U.S. Patent and Trademark Office on May 11, 1998 at Reel 9185, Frame 0391 and from Danbiosyst UK Limited to West Pharmaceutical Services Drug Delivery & Clinical Research Centre Limited, recorded in the U.S. Patent and Trademark Office on February 1, 2000 at Reel 010567, Frames 0980. Copies of the assignments in the chain of title are attached.

West Pharmaceutical Services Drug Delivery & Clinical Research Centre Limited, assignee of the entire right, title and interest of the above application, by its undersigned

representative, hereby revokes all previous Powers of Attorney and appoints the registered attorneys and agents associated with Customer No. 000570, Akin, Gump, Strauss, Hauer & Feld, L.L.P., as its attorneys or agents with full power of substitution and revocation, to prosecute this application and to transact all business in the Patent and Trademark Office connected therewith.

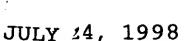
Please address all correspondence to Customer No. 000570, namely, AKIN, GUMP, STRAUSS, HAUER & FELD, L.L.P., One Commerce Square, 2005 Market Street, Suite 2200, Philadelphia, Pennsylvania 19103. Please direct all communications and telephone calls to William W. Schwarze at 215-965-1270 (telephone) or 215-965-1210 (facsimile).

Respectfully submitted,

West Pharmaceutical Services Drug Delivery & Clinical Research Centre Limited

16 Oct 02	By:	Ilgrauer
Date	Jane	Graver
	Com	pany Secretary and Director of Administration





ATLANTA, GA 30309-3450



UNITED STATES DEPARTMENT OF COMMERCE Patent and Trademark Office

ASSISTANT SECRETARY AND COMMISSIONER OF PATENTS AND TRADEMARKS Washington, D.C. 20231

PTAS



ARNALL GOLDEN & GREGORY, LLP
PATREA L. PABST
2800 ONE ATLANTIC CENTER
1201 WEST PEACHTREE STREET

UNITED STATES PATENT AND TRADEMARK OFFICE NOTICE OF RECORDATION OF ASSIGNMENT DOCUMENT

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PLEASE REVIEW ALL INFORMATION CONTAINED ON THIS NOTICE. THE INFORMATION CONTAINED ON THIS RECORDATION NOTICE REFLECTS THE DATA PRESENT IN THE PATENT AND TRADEMARK ASSIGNMENT SYSTEM. IF YOU SHOULD FIND ANY ERRORS OR HAVE QUESTIONS CONCERNING THIS NOTICE, YOU MAY CONTACT THE EMPLOYEE WHOSE NAME APPEARS ON THIS NOTICE AT 703-308-9723. PLEASE SEND REQUEST FOR CORRECTION TO: U.S. PATENT AND TRADEMARK OFFICE, ASSIGNMENT DIVISION, BOX ASSIGNMENTS, CG-4, 1213 JEFFERSON DAVIS HWY, SUITE 320, WASHINGTON, D.C. 20231.

RECORDATION DATE: 05/11/1998

REEL/FRAME: 9185/0391

NUMBER OF PAGES: 3

BRIEF: ASSIGNMENT OF ASSIGNOR'S INTEREST (SEE DOCUMENT FOR DETAILS).

ASSIGNOR:

WATTS, PETER

DOC DATE: 03/13/1997

ASSIGNOR:

ILLUM, LISBETH

DOC DATE: 03/13/1997

· • 0 1 2002

ASSIGNEE:

DANIBOSYST UK LIMITED
ALBERT EINSTEIN CENTRE
HIGHFIELDS SCIENCE PARK
NOTTINGHAM, UNITED KINGDOM NG7 2TN

IEUR CENTER 1600/2900

RECEIVED

SERIAL NUMBER: 08776470

PATENT NUMBER:

FILING DATE: 03/28/1997

ISSUE DATE:

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NOV 0 1 2002

TECH CENTER 1600/2900

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'JUL 3 1 1998
PATENT DEPT.

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TONYA LEE, EXAMINER ASSIGNMENT DIVISION OFFICE OF PUBLIC RECORDS

FORM PTO-1619A Expires 06/30/99 P	05-28-1998 前前前前前前前前	U.S. Department of Commerce Patent and Trademark Office
OMB 0651-0027 O		PATENT
OCT 2 9 2002	100720802	
	CORDATION FORM COVER SHEET PATENTS ONLY	MAY 11 1995
TO: The Commissioner of Patents and Trademarks: Please	·····	
Submission Type	Conveyance Type	
New (Non Recordation)	X Assignment License	Security Agreement HECEIVED
Resubmission (Non-Recordation) Document ID#		Change of Name NUV 0 1 2002
Correction of PTO Error	→ Merger F	Other
Reel # Frame #		5. Government TECH CENTER 1600/2900
X Corrective Document	(For Use ONL)	Y by U.S. Government Agencies)
Reel # 8970 Frame # 0968	Departmental File	Secret File
Conveying Party(ies)	Mark if additional nam	nes of conveying parties attached
		Execution Date Month Day Year
Name (line 1) Watts, Peter		03131997
Name (line 2)		
Second Party		Execution Date
Name (line 1) Illum, Lisbeth		03131997
Name (line 2)		
Receiving Party	Mark if additional nan	nes of conveying parties attached
Name (line 1) Danbiosyst UK Lin	nited	If document to be recorded is an assignment and the receiving party is
Name (line 2) a corporation of the	e England	not domicited in the United States, an appointment of a domestic representative is attached. (Designation
Address (line 1) Albert Einstein Cer	itre	must be a separate document from Assignment.)
Address (line 2) Highfields Science 1	Park	
Address (line 3) Nottingham	United Kingdom	NG7 2TN
City	State/Country	Zip Code
Domestic Representative Name an	d Address	Enter the first Receiving Party only.
Name		<u>a</u>
Address (line 1)		8 6
Address (line 2)		77647
Address (line 3)		6
Address (line 4)		000
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Public burden reporting for this collection of information is estimated to average approximates	ly 30 minutes per Cover Sheet to be recorded, including time for reviewing the docu	
this burden estimate to the U.S. Patent and Trademark Office, Chief Information Officer, Was Affairs, Office of Management and Budget, Paperwork Reduction Project (0551-0027), Washin	hington, D.C. 20231 and to the Office of Information and Regulatory Igton, D.C. 20503, See OMB Information Collection Budget Package 6651-8027, Pat	ent and frademark Assignment Practice? DO NEO SEND REQUESTS TO RECORD ASSIGNMENT
	with required cover sheet(s) information to:	/22/1 FC:5

541885.1

U.S. Department of Commerce FORM PTO-1619A OCT 2 9 2002 Page 2 Patent and Trademark Office Expires 06/30/99 OMB 0651-0027 **PATENT** (404)873-8794 Area Code and Telephon Number **Correspondent Name and Add** Patrea L. Pabst Name Address (line 1) Arnall Golden & Gregory, LLP Address (line 2) 2800 One Atlantic Center Address (line 3) 1201 West Peachtree Street Address (line 4) Atlanta, GA 30309-3450 **Pages** Enter the total number of pages of the attached conveyance document including any # attachments. 1 Mark if additional numbers attached Application Number(s) or Patent Number(s) Enter either the Patent Application or the Patent Number (DO NOT ENTER BOTH numbers for the same property). Patent Application Number(s) Patent Number(s) 08776470 Month Day Year If this document is being filed together with a new Patent Application, enter the date the patent application was signed by the first named executing inventor. **Patent Cooperation Treaty (PCT) PCT** PCT Enter PCT application number **PCT** only if a U.S. Application Number has not been assigned. **PCT** PCT **PCT Number of Properties** Enter the total number of properties involved. Fee Amount for Properties Listed (37 CFR 3.41): **Fee Amount** 40.00 **Deposit Account** Method of Payment: Enclosed Deposit Account (Enter for payment by deposit account or if additional fees can be charged to the account.) Deposit Account Number: 01-2507 Authorization to charge additional fees: No Yes **Statement and Signature** To the best of my knowledge and belief, the foregoing information is true and correct and any attached copy is a true copy of the original document. Charges to deposit account are authorized, as indicated hereig.

Signature

Patrea L. Pabst, Esq.

Name of Person Signing

May 8, 1998

Date

Come Pag. 2031-2011 (exp. 4/94)	24-1998 ET U.S. DEPARTMENT OF COMMERCE Patent and Tradomark Office
Tab settings o co V	
)642130 loriginal documents or copy thereof.
1. Name of conveying party(ies): MLŋ	2. Name and address of receiving party(ies)
Peter WATTS Lisbeth ILLUM 3-28-9	Name: Danbiosyst UK Limited
Additional name(s) of conveying party(ies) attached? Yes No	Internal Addr ss:
CIPS.	80.0
3. Nature of conveyance:	
Assignment 007 2 9 2002 W Merger	Street Address: Albert Einstein Centre
☐ Security Agreement ☐ Change of Name	Highfields Science Pagk
Other	City: Nottingham State: England NG7 2TN
Execution Date: March 13, 1997	Additional name(s) & address(es) attached? Yes No
4. Application number(s) or patent number(s):	
If this document is being filed together with a new application	on the execution data of the same of the s
	B. Patent No.(e) RECEIVED
A. Patent Application No.(s)	B. Patent No.(s)
08/776,480	NUV 0 1 2002
Additional numbers a	TECH CENTER 1600/290
5. Name and address of party to whom correspondence concerning document should be mailed:	6. Total number of applications and patents involved:
Name: Patrea L. Pabst, Esq.	7. Total fee (37 CFR 3.41)\$ 40.00
Internal Address: Arnall Golden & Gregory	☑ Enclosed
	Authorized to be charged to deposit account
Street Address: 2800 One Atlantic Center	8 Deposit account sumbar
1201 W. Peachtree Street	8. Deposit account number: 01-2507
City: Atlanta State: GA ZIP: 30309-	(Attach duplicate copy of this page if paying by deposit account)
DO NOT US	E THIS SPACE
9. Statement and signature.	
the original document.	alion is true and correct and any attached copy is a true copy of
Patrea L. Pabst	214/17
Name of Person Signing	Signature
Total number of pages including of	cover sheet, attachments, and document:

ASSIGNMENT

We, Peter Watts of Flat 2, 47 Highfield Road, West Bridgford, Nottingham NG2 6DR and Lisbeth Illum of 19 Cavendish Crescent North, The Park, Nottingham NG7 1BA in consideration of One Dollar and other valuable consideration paid to us by Danbiosyst UK Limited a corporation of the England, having its principal place of business Albert Einstein Centre, Highfields Science Park, Nottingham, NG7 2TN, the receipt of which is hereby acknowledged, do hereby sell, assign and transfer unto said Danbiosyst UK Limited its successors and assigns, the entire interest for the United States of America and all foreign countries including all rights of priority under the International Convention for the Protection of Industrial Property in a certain invention or improvement in Controlled release drug delivery described in an application executed by one of even date herewith and about to be filed Serial No.08/776,470, filed on 24 January 1997 in the United States Patent and Trademark Office, and in all Letters Patent of the United States and all foreign countries which may or shall be granted on said invention, or any parts thereof, or on said application, or any divisional, continuing, reissue or other applications based in whole or in part thereon. And I agree, for myself and my executors and administrators, with said corporation and its successors and assigns but at its or their expense and charges, hereafter to execute all applications, amended specifications, deeds or other instruments, and to do all acts necessary or proper to secure the grant of Letters Patent in the United States and in all other countries to said corporation, with specifications and claims in such form as shall be approved by the counsel of said corporation and to vest and confirm in said corporation, its successors and assigns, the legal title to all such patents.

And I do hereby authorize and request the Commissioner of Patents and Trademarks of the United States to issue such Letters Patent as shall be granted upon said application or applications based thereon to said corporation, its successors and assigns.

WITNESS my hand and seal this _______ day of ________ 1997

(Peter Watts)

(Lisbeth Illum)



IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicants:

Peter Watts and Lisbeth Illum

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NOV 0 1 2002

Serial No.:

08/776,470

Art Unit:

1642

TECH CENTER 1600/2900

Filed:

March 28, 1997

Examiner:

Not yet assigned

For:

DRUG DELIVERY COMPOSITION FOR THE NASAL

ADMINISTRATION OF ANTIVIRAL AGENTS

U.S. Patent & Trademark Office Office of Public Record Crystal Gateway 4, Room 335 Washington, D.C. 20231

REQUEST FOR A CORRECTED NOTICE OF RECORDATION OF ASSIGNMENT

Sir:

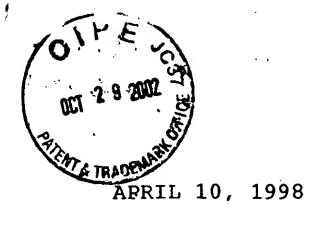
Applicants respectfully request issuance of a corrected Notice of Recordation of Assignment to show the patent application as U.S. Serial Number <u>08/776,470</u>, filed <u>March 28, 1997</u>, not <u>08/776,480</u>, filed <u>January 23, 1997</u>. To facilitate this request, the following items are enclosed: (1) A copy of the Notice of Recordation of Assignment received (with corrections noted in red) and Form PTO 1619A; (2) a corrected Form PTO-1619A; (3) a copy of the Assignment mailed on March 3, 1997; (4) the returned postcard, showing the U.S. application Serial Number as 08/776,470; (5) Form PCT/DO/EO/903, Notification of Acceptance of Application under 35 U.S.C. § 371, showing the filing date of the application as March 28, 1997; and (6) a check in the amount of \$40.00 for rerecordation of the assignment.

Respectfully submitted,

Patrea L. Pabst

Reg. No. 31,284

Date: May 8, 1998 ARNALL GOLDEN & GREGORY, LLP 2800 One Atlantic Center 1201 West Peachtree Street Atlanta, Georgia 30309-3450 404/873-8794 404/873-8795 (fax)





UNITED STATES DEPARTMENT OF COMMERCE Patent and Trademark Office

ASSISTANT SECRETARY AND COMMISSIONER OF PATENTS AND TRADEMARKS Washington, D.C. 20231

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NOV 0 1 2002

ARNALL GOLDEN & GREGORY PATREA L. PABST, ESQ. 2800 ONE ATLANTIC CENTER 1201 W. PEACHTREE STREET ATLANTA, GA 30309-3400

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RECORDATION DATE: 03/28/1997

REEL/FRAME: 8970/0968

NUMBER OF PAGES: 2

BRIEF: ASSIGNMENT OF ASSIGNOR'S INTEREST (SEE DOCUMENT FOR DETAILS).

ASSIGNOR:

WATTS, PETER

DOC DATE: 03/13/1997

ASSIGNOR:

ILLUM, LISBETH

DOC DATE: 03/13/1997

ASSIGNEE:

DANBIOSYST UK LIMITED

ALBERT EINSTEIN CENTRE, HIGHFIELDS SCIENCE PARK

NOTTINGHAM, ENGLAND NG7 2TN

SERIAL NUMBER: 08776480 08776470

PATENT NUMBER:

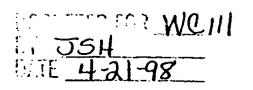
FILING DATE: 01/23/1997

ISSUE DATE:

JOANN STEWART, EXAMINER ASSIGNMENT DIVISION OFFICE OF PUBLIC RECORDS

RECEIVED APR 17 1998

PATENT DEPT.



The "Received" stamp of the Patent Office imprinted hereon acknowledges the filing of: 76470

Applicant: Peter Watts & Lisbeth Illum

Serial & Docket No. DAN101

Filed: 24 January 1997 Express Mail #EM470185568US

Papers Submitted:

Express Mail Transmittal Letter for Patent Application and Certificate of Mailing by Express Mail Label

#EM470185568US (in duplicate), Transmittal Letter to the United States Designated/Elected Office (DO/EO/US)

Concerning a Filing Under 35 U.S.C. 371 (in duplicate), unexecuted Combined Declaration, Preliminary Amendment, copy of International Application PCT/GB95/01735,

Date: 24 January Becd PCT/PTO 24 JAN 1997

By: Patrea L. Pabst, Reg. No. 31,284

check in the amount of \$520.00



UNITED STATES DEPARTMENT OF COMMERCE Patent and Trademark Office

ASSISTANT SECRETARY AND COMMISSIONER OF PATENTS AND TRADEMARKS Washington, D.C. 20231

APRIL 27, 2000

PTAS

ARNALL GOLDEN & GREGORY, LLP PATREA L. PABST, ESQ. 2800 ONE ATLANTIC CENTER 1201 WEST PEACHTREE STREET ATLANTA, GA 30309-3450



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RECORDATION DATE: 02/01/2000

REEL/FRAME: 010567/0980

NUMBER OF PAGES: 5

DOC DATE: 03/04/1999

BRIEF: CHANGE OF NAME (SEE DOCUMENT FOR DETAILS).

ASSIGNOR:

DANBIOSYST UK LIMITED

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MAY 03 2000

PATENT DEPT.

ASSIGNEE:

WEST PHARMACEUTICAL SERVICES DRUG DELIVERY & CLINICAL RESEARCH CENTRE LIMITED ALBERT EINSTEIN CENTRE, NOTTINGHAM SCIENCE AND TECHNOLOGY PARK

UNIVERSITY BOULEVARD NOTTINGHAM, ENGLAND NG7 2TN

SERIAL NUMBER: 08234723

PATENT NUMBER:

SERIAL NUMBER: 08765347

PATENT NUMBER:

SERIAL NUMBER: 08776470

PATENT NUMBER:

FILING DATE: 04/28/1994

ISSUE DATE:

FILING DATE: 02/10/1997

ISSUE DATE:

FILING DATE: 03/28/1997

ISSUE DATE:

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010567/0980 PAGE 2

FILING DATE: 03/30/1998 SERIAL NUMBER: 08983156 ISSUE DATE: 12/14/1999 PATENT NUMBER: 6001395 FILING DATE: 03/30/1998 SERIAL NUMBER: 09000039 ISSUE DATE: PATENT NUMBER: FILING DATE: 03/30/1998 SERIAL NUMBER: 09011306 PATENT NUMBER: ISSUE DATE: FILING DATE: 04/13/1998 SERIAL NUMBER: 09059646 ISSUE DATE: PATENT NUMBER: FILING DATE: 06/01/1998 SERIAL NUMBER: 09088185 ISSUE DATE: PATENT NUMBER: FILING DATE: 06/15/1998 SERIAL NUMBER: 09094959 ISSUE DATE: 07/27/1999 PATENT NUMBER: 5928669 FILING DATE: 08/03/1998 SERIAL NUMBER: 09101254 ISSUE DATE: PATENT NUMBER: FILING DATE: 10/30/1998 SERIAL NUMBER: 09155235 ISSUE DATE: PATENT NUMBER: FILING DATE: 04/07/1999 SERIAL NUMBER: 09214527 ISSUE DATE: PATENT NUMBER: FILING DATE: 04/07/1999 SERIAL NUMBER: 09214561 ISSUE DATE: PATENT NUMBER: FILING DATE: 03/30/1999 SERIAL NUMBER: 09214580 ISSUE DATE: PATENT NUMBER: FILING DATE: 05/06/1999 SERIAL NUMBER: 09269903 ISSUE DATE: PATENT NUMBER: FILING DATE: 01/15/1987 SERIAL NUMBER: 07004189 ISSUE DATE: 02/27/1990 PATENT NUMBER: 4904479 FILING DATE: 04/09/1990 SERIAL NUMBER: 07469443 ISSUE DATE: 04/20/1993 PATENT NUMBER: 5204108 FILING DATE: 12/14/1993 SERIAL NUMBER: 08167611 ISSUE DATE: 09/10/1996 PATENT NUMBER: 5554388 FILING DATE: 07/12/1994 SERIAL NUMBER: 08256431 ISSUE DATE: 05/13/1997 PATENT NUMBER: 5629011 FILING DATE: 07/08/1994 SERIAL NUMBER: 08190022 ISSUE DATE: 07/15/1997 PATENT NUMBER: 5648095 FILING DATE: 03/28/1995 SERIAL NUMBER: 08412094 ISSUE DATE: 11/25/1997 PATENT NUMBER: 5690954

* 010567/0980 PAGE 3

SERIAL NUMBER: 08359937
PATENT NUMBER: 5707644

SERIAL NUMBER: 08260611 PATENT NUMBER: 5725871

SERIAL NUMBER: 08576877
PATENT NUMBER: 5744166

SERIAL NUMBER: 08374671
PATENT NUMBER: 5792475

SERIAL NUMBER: 08877273
PATENT NUMBER: 5804212

SERIAL NUMBER: 08809158 PATENT NUMBER: 5840341

SERIAL NUMBER: 08899976
PATENT NUMBER: 5863554

SERIAL NUMBER: 08750738
PATENT NUMBER: 5869103

SERIAL NUMBER: 09094959 PATENT NUMBER: 5928669

SERIAL NUMBER: 08553401
PATENT NUMBER: 5935604

FILING DATE: 12/20/1994 ISSUE DATE: 01/13/1998

FILING DATE: 06/15/1994 ISSUE DATE: 03/10/1998

FILING DATE: 12/21/1995 ISSUE DATE: 04/28/1998

FILING DATE: 04/14/1995 ISSUE DATE: 08/11/1998

FILING DATE: 06/17/1997 ISSUE DATE: 09/08/1998

FILING DATE: 04/21/1997 ISSUE DATE: 11/24/1998

FILING DATE: 07/24/1997 ISSUE DATE: 01/26/1999

FILING DATE: 04/04/1997 ISSUE DATE: 02/09/1999

FILING DATE: 06/15/1998 ISSUE DATE: 07/27/1999

FILING DATE: 07/01/1996 ISSUE DATE: 08/10/1999

DIANE RUSSELE, PARALEGAL ASSIGNMENT DIVISION OFFICE OF PUBLIC RECORDS

FORM PTO-1619A Expires 06/30/99 OM9 0651-0027



03-02-2000



U.S. Department of Commerce Patent and Trademark Office PATENT

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RECORDATION FORM COVER SHEET)/29(
OPRIFINANCE PATENTS ONLY	2002
TO: The Commissioner of Patents and Trademarks: Please record the attached original document(s) of eop	py(les).
Submission Type Conveyance Type	
X New Security Agreement Security Agreement	NOV 0 1 2002 FECH CENTER 1600/2900
Resubmission (Non-Recordation) Document ID# License X Change of Name	TEC
C rrection of PTO Error Reel # Frame #	
Corrective Document Reel # Frame #	e
Convoying Party(ies) Mark if additional names of conveying parties attached Exc	xecution Date th Day Year
Name (line 1) Danbiosyst UK Limited 030	041999
	ecution Date
	nth Day Year
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Second Party Name (line 1)	nui Day Teal
Second Party	inui Day Teal
Name (line 1) Name (line 2) Receiving Party Mark if additional names of receiving parties	es attached
Name (line 1) Name (line 2) Receiving Party Name (line 1) West Pharmaceutical Services Drug Delivery & Clinical Research Centre Limited is an as is an as is an as is an as in the contract of the contract	
Name (line 1) Name (line 2) Receiving Party Name (line 1) West Pharmaceutical Services Drug Delivery & Clinical Research Centre Limited is an as receiving domicile States, as a service of the servic	es attached Iment to be recorded assignment and the ing party is not iled in the United , an appointment
Name (line 1) Name (line 2) Receiving Party Name (line 1) West Pharmaceutical Services Drug Delivery & Clinical Research Centre Limited Name (line 2) Name (line 2) Address (line 1) Albert Einstein Centre, Nottingham Science and Technology Park (Design	es attached ment to be recorded assignment and the ing party is not iled in the United , an appointment lomestic entative is attached.
Name (line 1) Name (line 2) Receiving Party Name (line 1) West Pharmaceutical Services Drug Delivery & Clinical Research Centre Limited Name (line 2) Name (line 2) Address (line 1) Albert Einstein Centre, Nottingham Science and Technology Park (Design	es attached Iment to be recorded assignment and the ing party is not iled in the United , an appointment lomestic entative is attached. Ination must be a inte document from
Name (line 1) Name (line 2) Receiving Party Name (line 1) West Pharmaceutical Services Drug Delivery & Clinical Research Centre Limited If docur is an as receiving Name (line 2) Name (line 2) Address (line 1) Albert Einstein Centre, Nottingham Science and Technology Park Address (line 2) University Boulevard NG7 2TN Zin Code	es attached Iment to be recorded assignment and the ing party is not iled in the United , an appointment lomestic entative is attached. Ination must be a inte document from
Name (line 1) Name (line 2) Receiving Party Name (line 1) West Pharmaceutical Services Drug Delivery & Clinical Research Centre Limited is an as is an as is an as of a do represent the services (line 1) Address (line 1) Albert Einstein Centre, Nottingham Science and Technology Park Address (line 2) University Boulevard Address (line 3) Nottingham England NG7 2TN	es attached Iment to be recorded assignment and the ing party is not iled in the United , an appointment lomestic entative is attached. Ination must be a inte document from
Name (line 1) Name (line 2) Receiving Party Name (line 1) West Pharmaceutical Services Drug Delivery & Clinical Research Centre Limited If documents is an astroceviry and is a deceiving partie of a document of the cereiving partie of the cerei	es attached Iment to be recorded assignment and the ing party is not iled in the United , an appointment lomestic entative is attached. Ination must be a inte document from
Name (line 1) Name (line 2) Receiving Party Name (line 1) Name (line 1) Name (line 1) Name (line 1) Name (line 2) Address (line 1) Albert Einstein Centre, Nottingham Science and Technology Park Address (line 2) University Boulevard Address (line 3) Nottingham England NG7 2TN Zip Code Domestic Representative Name and Address Enter for the first Receiving Party only.	es attached Iment to be recorded assignment and the ing party is not iled in the United , an appointment lomestic entative is attached. Ination must be a inte document from
Name (line 1) Name (line 2) Receiving Party Name (line 1) Name (line 2) Address (line 1) Albert Einstein Centre, Nottingham Science and Technology Park Address (line 2) University Boulevard Assignated Assig	es attached Iment to be recorded assignment and the ing party is not iled in the United , an appointment lomestic entative is attached. Ination must be a inte document from

/03/02/2000 DNGUYEN 00000060 09101254

Address (line 4)

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THE COMPANIES ACT 1985

Company No. 2360391

The Registrar of Companies for England and Wales hereby certifies that

WEST PHARMACEUTICAL SERVICES DRUG DELIVERY & CLINICAL RESEARCH CENTRE LIMITED

formerly called **DANBIOSYST UK LIMITED**

which name was changed by special resolution was incorporated under the Companies Act 1985

as a limited company on the 13th March 1989 and that the certificate of incorporation altered to meet the circumstances of the case was issued on the 4th March 1999

Given at Companies House, Cardiff, the 2nd August 1999

'or the Registrar of Companies

I, Ian Mark Dee, of 10 Tennis Mews, The Park, Nottingham, England, a Chartered Patent Attorney, European Patent Attorney and Partner in the firm of Eric Potter Clarkson hereby certify that the attached is a true copy of the Certificate of Incorporation on change of Name as issued by the Registrar of Companies for England and Wales.

1

IAN MARK DEE

Date:

22 September 1999

Place: Nottingham, England